

IN THE DRAWINGS:

The attached sheets of drawings include changes to Figs. 6B, 10, 11 and 18E. These sheets replace the original sheets containing this drawing.

Attachment: Replacement Sheets

Annotated Sheets Showing Changes

REMARKS

Applicants will address each of the Examiner's objections and rejections in the order in which they appear in the Office Action.

Drawings

In the Office Action, the Examiner objects to drawings for numbering errors therein. In response to these objections, Applicants are amending Fig. 6B to change "1236" to "436," Fig. 11 to change "1108" to "1106" for the "GAMMA CORRECTION CONTROL CIRCUIT," and Fig. 18E to add reference numeral "2203" for the "AUDIO INPUT PORTION." Each of these amendments is made in accordance with the Examiner's comments and suggestions.

The Examiner also objects to Fig. 10 and states that in Fig. 10, "item 1005 (Gamma Correction Control Circuit) is referred to in the specification as item 1002." Applicants note that in Fig. 10 as filed the GAMMA CORRECTION CONTROL CIRCUIT is denoted by reference numeral 1002. There appears, however, to be an error in the formal drawings. Accordingly, Applicants are amending the formal drawings to change "1005" to "1002" for the GAMMA CORRECTION CONTROL CIRCUIT.

No new matter has been added in any of these amendments.

Accordingly, it is respectfully submitted that the objections to the drawings have been overcome, and it is requested that this objection be withdrawn.

Double Patenting

Claims 22-30 and 32-39

The Examiner also rejects Claims 22-30 and 32-39 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-7 and 13-19 of US 6,667,494 in view of Huang et al. This rejection is respectfully traversed.

While Applicants traverse this rejection, in order to advance the prosecution of this application, Applicants are submitting a terminal disclaimer regarding the '494 patent and fee. If any further fee is due for this terminal disclaimer, please charge our deposit account 50/1039.

Accordingly, it is respectfully submitted that this rejection has been overcome, and it is requested that it be withdrawn.

Claims 31 and 40

The Examiner also rejects Claims 31 and 40 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 12 and 15 of US 6,597,014 in view of US 6,667,494 and further in view of Huang et al. This rejection is respectfully traversed.

While Applicants traverse this rejection, in order to advance the prosecution of this application, Applicants are submitting a terminal disclaimer regarding the '014 patent and fee. If any further fee is due for this terminal disclaimer, please charge our deposit account 50/1039.

Accordingly, it is respectfully submitted that this rejection has been overcome, and it is requested that it be withdrawn.

New Claims

Applicants are also adding new Clams 41-95 herewith. Please charge our deposit account 50/1039 for any fee due for these new claims.

Information Disclosure Statement

Applicants are also filing an information disclosure statement (IDS) herewith. It is respectfully requested that this IDS be entered and considered prior to the issuance of any further action for this application.

If any fee should be due for this IDS, please charge our deposit account 50/1039.

Conclusion

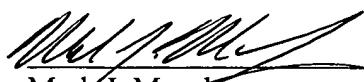
Accordingly, it is respectfully submitted that the present application is in a condition for allowance and should be allowed.

If any further fee is due for this amendment, please charge our deposit account 50/1039.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,

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ADDITION OF IMPURITY ION GIVING N-TYPE
(FORMATION OF n^-/n^+ REGION)

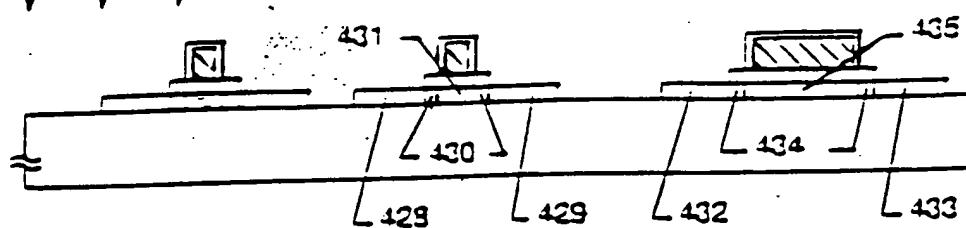


Fig. 6A

ADDITION OF IMPURITY ION GIVING P-TYPE
(FORMATION OF p^-/p^+ REGION)

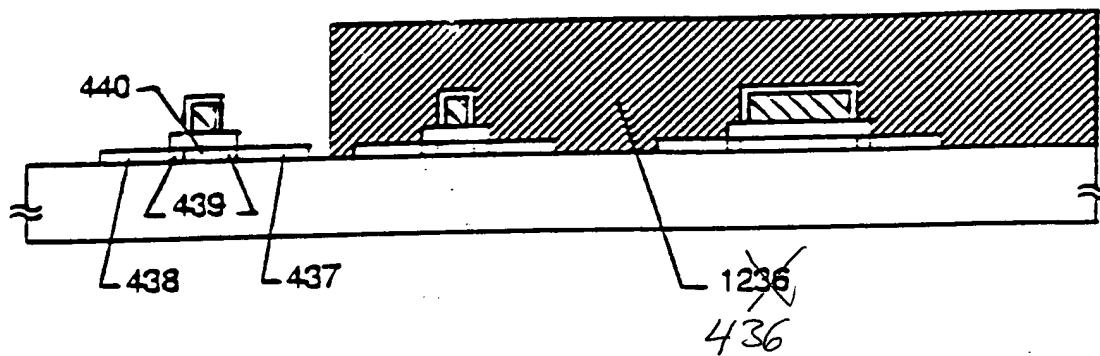


Fig. 6B

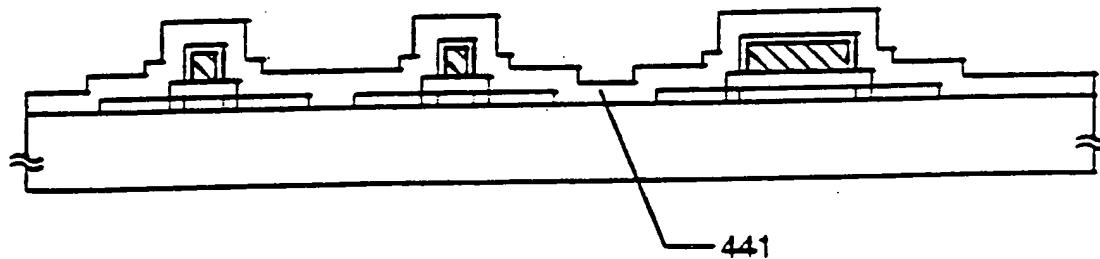


Fig. 6C

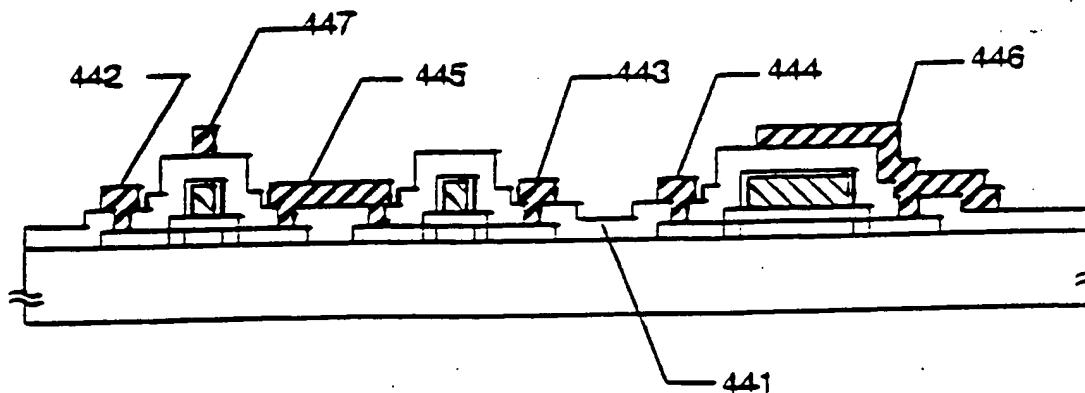


Fig. 6D

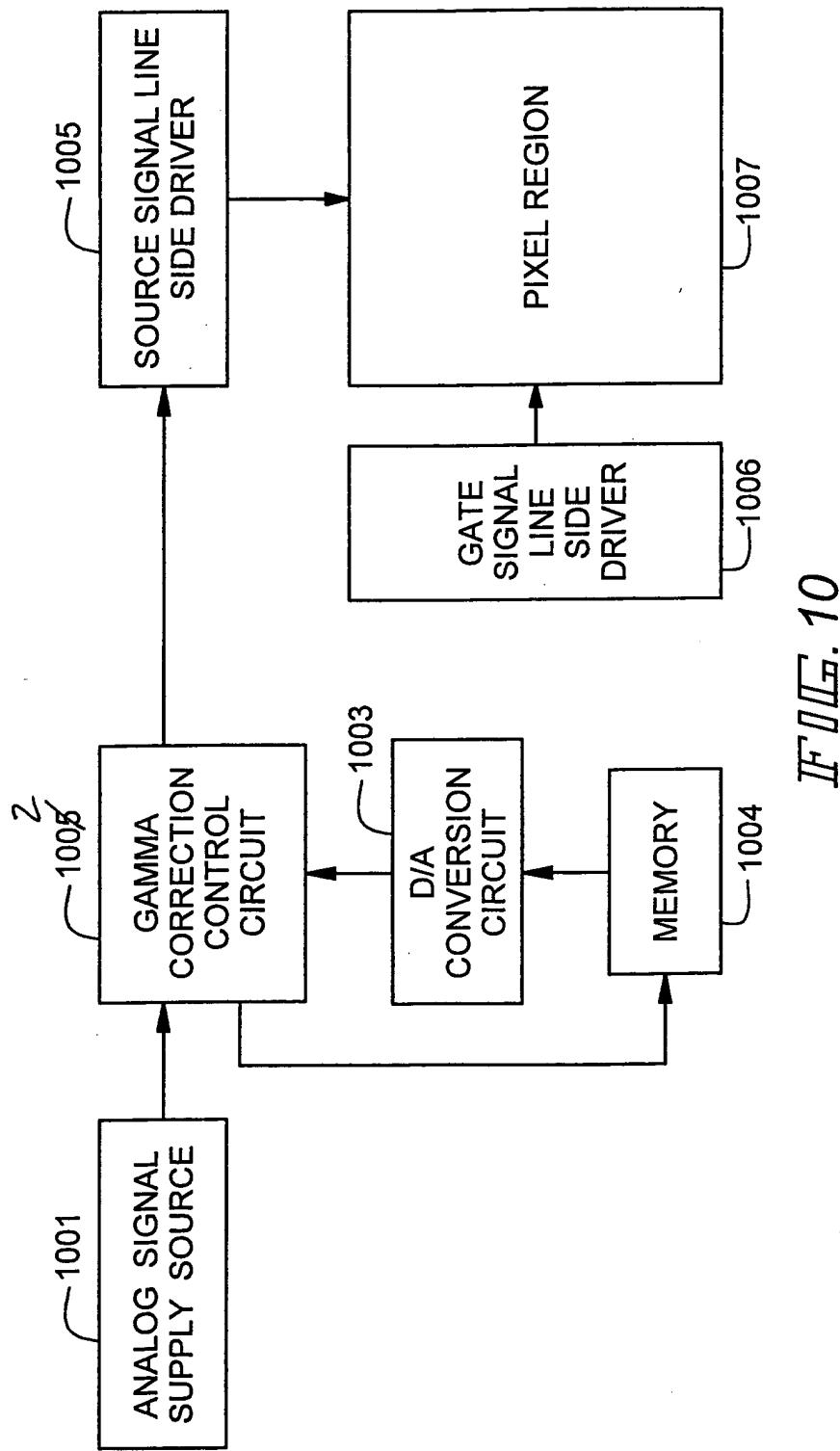


FIG. 10

Fig. 11

